

Name: _____

REMIDATION – Undistribution (GCF) – Version 1

Directions: Please fully factor the following expressions.

1. $4x - 12$

$$4(x - 3)$$

2. $-12x + 6zx - 12$

$$-6(2x - zx + 2)$$

3. $xy^2 - 3xy$

$$xy(y - 3)$$

4. $10x + 10x^2 - 20x^4$

$$10x(1 + x - 2x^3)$$

5. $15ab - 48ab^2 + 24a^2b$

$$3ab(5 - 16b + 8a)$$

6. $25a^4 - 10ab^2 + 44a^2b$

$$a(25a^3 - 10b^2 + 44ab)$$

7. $-3axy^2 - 12bxy^2 + 6cxy^2$

$$-3xy^2(a + 4b - 2c)$$

8. $-49a^2 - 14a + 21a^{21}$

$$-7a(7a + 2 - 3a^{20})$$

9. $24a^2 - 16a^3 + 88a^6$

$$8a^2(3 - 2a + 11a^4)$$

10. $-x^2 - x^3 - x^6$

$$-x^2(1 + x + x^4)$$